FROM SPARK TO SPACE

HAMATEUR CHATTER

One of the World's Oldest Continuously Active Radio Amateur Club - since 1917

June, 1999 Vol. 07 No. 06

club officers

President ---------- 529-5583
Dave DeFebo ----- WB9BWP

1st V. Pres. -------- 475-6404
Matt Planning ----- KB9PRC

2nd V. P. - KB9LCQ@arrl.net
Brian White ------- KB9LCQ

Secretary 1 (414) 968-2724
Jim Tromblay ----- WB9LNU

Treasurer ---------- 796-0969
Ken Eggert ---------- W9MOT

Board of Directors

Mark Bye -------- KB9LDX
(97-99) ---------- 447-8090

Pancho Doneis KA9OFA
(97-99) ---------- 344-4694

Rick Kissell ----- WB9GYT
(97-99) ---------- 643-8039

Rich McNew --- WB9PTC
(98-00) ---------- 453-6781

Gerald Melotik - KC9EV
(98-00) ---------- 358-0107

Tom Fuszard --- KF9PU
(98-00) ----------

From the President's Desk

Dave DeFebo - WB9BWP

Dave DeFebo

The May meeting saw elections for 3 directors for 2-year terms. Newly elected were Barbara Brewer KB9TIV and Al Drobac KB9NRS. Reelected was Pancho KA9OFA. Outgoing directors are Mark Bye KB9LDX and Rick Kissell WB9GYT. The June board meeting will include outgoing and incoming directors. A big thanks to Mark and Rick for their service to MRAC. They are not going away. Mark is going to be involved in a committee handling the design of club promotional materials and Rick is going to be involved club marketing efforts (right guys?). Reminder to everyone, next year we will be electing 3 other directors and all officers. Interested?

May also saw selection of a general design for a new club logo. Yet to be decided are exact color combinations. Included in this issue of the newsletter is a black and white small-scale version of the logo (minus some detail due to size) which will appear on letterheads, business cards, and other print media. Like it? (If not, too bad, you're too late to complain.) Stay tuned for info on personal items available with the logo.

Due to the time spent discussing logo stuff (and some other things) at the May meeting, the program by Brian White on APRS was turned into a brief introduction (sorry Brian). Maybe that

continued on page 2

Milwaukee Area Nets

DAY	TIME	MHZ	ACTIVITY
Daily	6-8 AM	14.290	Wisconsin/Florida Net (SSB)
Daily	6:30 PM	3.645	Wis. Slow Speed CW Traffic Net
MON-FRI	8:30 AM	3.965	After Breakfast Club (SSB)
MON	8:00 PM	146.445	Emergency Net
MON	9:00 PM	146.670	ARES Net (Milwaukee-Waukesha)
MON	9:00 PM	50.160	6 Mtr. General Net
TUE	9:00 AM	50.160	6 Mtr. 2nd shifter's Net
TUE	8:00 PM	144.250	Badger Contesters (SSB)
TUE	8:00 PM	7.035	A.F.A.R. Net (CW)
WED	8:00 PM	28.365	10-10 International (Milwaukee Ch.) (SSB)
THU	9:00 PM	50.160	6 Mtr. General Interest Net
THU	9:00 PM	146.910	Computer Net
FRI	8:45 PM	28.490	W9RH 10 meter MRAC Station Net (SSB)
FRI	9:15 PM	147.045	W9RH 2 mtr. net following the 10 mtr. net
SAT	9:00 PM	146.910	Saturday Nite Fun net
SUN	8:30 AM	3.985	QCWA (Chptr. 55) (SSB)
SUN	10:00 AM	443.800	FM-38 Link to 146.88 Baraboo SWAP Net
SUN	8:00 PM	28.365	10-10 International (Milwaukee Ch.) (SSB)
SUN	8:00 PM	146.910	Information Net
SUN	9:00 PM	146.910	Swap Net

The 2 meter frequencies are -600 khz offset FM repeaters. FM38 is +5 Mhz offset, tone 114.8. The 10 meter frequencies are upper sideband (USB). If there are additions, changes, or corrections to this list, please contact: Pancho - KA9OFA at **344-4694** or call **797-MRAC.** Our old number doesn't work any more.

Presidents Desk continued from page 1

was good. It appears there are a lot of questions on the subject, so we will have a part 2 of his talk at the June meeting. Also at the June meeting we will discuss Field Day and contest and HF operating. We will have one of the club radios there so we can do sort of an orientation to operating at Field Day. Don't forget, Field Day is June 26 and 27. Anyone and everyone is welcome. No matter what your license or even if you don't have a license, you can operate. The MRAC club call (since the early 1960's) is W9RH (it was W9HRM before that) and our trustee (Jack Kraus W9JK) is an Extra class. We will be at Pioneer Village (where we have been for the last 5 years or so). Look for a map in the Chatter. Brian White may also have his APRS tracker there so you can find us via APRS also (don't know what that means, come to the meeting to find out).

MRAC VEC is through testing until September. Thanks to John Kraak KF9XL and Tom Fuszard KF9PU for their work in running VEC operations. PLEASE, I would like to get another person to back them up when they need help or are unavailable. Also thanks to all who helped out at test sessions this year. If you have an Extra class license and would like to help out testing (the more signed up, the fewer times anyone will have to be called to help), contact John (just call the club phone number, the answering machine is at his house), 797-MRAC.

There has been some question about the club nets of Friday nights. Currently, the HF net meets at 8:45 PM at 28.490 USB. The 2 meter net happens at 9:15 PM on the club repeater (147.045 +600). Would you like to see another night or time for either net (they do not have to be the same night)? Should the HF net be on some other band? Would you be willing to be a net control? If you have an opinion, let's hear it. You have 3 methods to voice your opinion (so we can count them up). Either send me an email (wb9bwp@execpc.com) or write your opinions on a piece of paper and hand them to me at a meeting (or field day) or, let your opinion be heard on the nets themselves!

On to the continuing story of The Future of Amateur Radio and MRAC Part 2. The world is a different place today than when I got my Novice license in the Spring of 1969. I became interested in becoming a ham sometime during 1967/1968. I joined the club in September of 1968. I'm not sure exactly what got me started. I was always interested in technology. I enjoyed reading and watching science fiction. I enjoyed broadcast band DXing. I took things apart to try to figure out how they worked and maybe even put them back together (and maybe even they worked again). This amateur radio thing seemed to maybe tie all these different areas together. So I thought, why not give it a try?

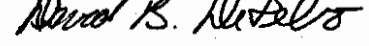
Getting a license back then was a lot tougher than today. Questions were not published. People did not have computers to help in learning theory or code. No club was running any sort of license class. Code practice was on HF, not 2 meters. Even calculators were not to appear for a few more years. Tests had to be taken in front of the FCC. That meant either going to Chicago (testing was weekly) or waiting for them to come to Milwaukee (first quarterly then sem-annually). Did all that make me a better ham as compared to today's new ham. Absolutely not! What's past is past. Let's move on.

What was the biggest selling point of amateur radio to a prospective newcomer of 30 or more years ago? Probably the ability to communicate with people in far away places. That was something which was not achievable by the general public. News stories from the other side of the world took days to make it to our TV screens (and in black and white too). The first anyone heard of an earthquake in Alaska in 1964 was via amateur radio. Today that news would be flashed across our TV screens (in color) within minutes ("the revolution will not be televised"). If you believe the TV advertising, everyone is making dozens of long distance phone calls every month. We have satellite TV. We have email, video conferencing, handheld wireless telephones. high speed internet access. So what's the big deal to talk to someone in another country?

Gordon Moore, Co-Founder of Intel Corp. said that technology capability doubles every 18 months (actually he first said the number of transistors in an IC would double, but the statement has since grown in scope). We are involved in a technology-based hobby. The complexity and scope of which is subject to the same rule. Just like any species, Amateur Radio must continually evolve to survive or go the way of the dinosaur. Today that evolution must come at a faster pace than in years past. Those that don't evolve die away.

We can spend a lot of time talking about problems and "the good old days" (were they really all that good?), how about talking about the solutions. Yes WE must talk about the solutions. We can not sit back and expect ARRL or anyone else to do things for us. They have not so far. They are often stuck in the past also. There are things we can do at the local level. Next month let's start to talk about what those things might be.

73,



Dave WB9BWP

MRAC Board Meeting 5/24/99

The previous meeting minutes were read and approved as written. Treasurer's report: Total assets with CD's $6,653.90. Ken reports that the phone co. charged John - KF9XL $200.00 to install the new VEC phone line into his house. John has been generating revenue from testing and will soon have the expenses covered. However, at this time the VE program is on summer vacation until September.

Next month's board meeting will be at Jerry's - KC9EV.

The Board has voted to accept a roster by name format and it will be printed for distribution to all members as an extra sheet in the Chatter (mailing). Distribution will be in a month or two.

It has been decided to issue new member badges every year. A slide-in holder will be provided. The old badge is available to everyone to keep. Rick - WB9GYT suggested that the Club consider putting information on the ARRL Web site and also information about our Web site if we get one in the future.

The logo designs were discussed. Mark, Al and Matt had to resort to using design ideas from several sources, which in a way is good because there will be a small touch from several people as well as the major efforts from Al, Mark and Matt. This design process could go on forever if we don't take advantage of these ideas now. Color selection is next and up to the members as well as the final O.K. by the Board.

Business cards are on hold pending completion of the logo.

The hours on the Club will remain as printed in the Chatter. If there are any changes, it will be up to the control people to let us know. For now, Rick - WB9GYT will run the 10 meter net and Al - KB9NRS will run the 2 meter net. Dave has suggested to both that they find someone to take their places once in awhile.

Thursday night will be the election of three new directors for the Board. Ballots have been made and everything is ready.

Brief discussion of the Christmas party. Vern - W9RYA has been doing a very nice job so far. We just have to watch our total expenses so we don't exceed our party income by $800.00 like the last party. Field Day — Jerry - KC9EV, our field day chairman will take care of the food along with Matt - KB9PRC. Field Day will start at 8:30 A.M., June 26 and end at 1:00 P.M., June 27th. Saturday is the Club picnic day also. Please contact Jerry if you can help in any way. Also, don't forget that Jim needs help Saturday morning to put up all the antennas and set up the stations.

Closing comments: Rick - WB9GYT will take on the task of trying to get new members interested in the Club and Amateur Radio (in general).

The meeting adjourned at 9:10 at Jim's QTH.

Respectfully submitted,

Jim WB9LNU

Jim - WB9LNU
Secretary

VEC Conference News

From: "Tom" <tfuszard@aero.net>
Subject: VEC Conference

Just got the word that the conference has been postponed. Here's the gist of Win Guin's message:

The meeting was postponed because ULS and Amateur Radio Restructuring activities by the FCC have not yet reached a level of final decision making sufficient for the VECs to take definitive action in our areas of responsibility.

I'll keep you posted as I learn more.

Tom
KF9PU

WA9SFH Report

Jerry Thompson - WA9SFH (Santa's Fat Helper) is on the road to recovery. He's at home and has been on the net (2 meter) the last two Friday evenings. he's walking several blocks every day and eating some semisolid foods and is up to a whopping 101 pounds after breakfast today (5/19).

He won't be making this meeting or Field Day in Cedarburg, but hopes to rejoin us at a meeting soon.

MRAC Club Meeting 5/27/99

MRAC General Membership Meeting

The meeting was called to order at 7:37 P.M.

The previous meeting minutes were read and approved as written.

Treasurer's report — Liquid assets $653.90 and CD's $6,000.

Ken reports that we still have 20 people who have not paid their dues. Hal - KB9OZN asked Ken for a list and offered to contact these members and see why they are no longer paying dues.

John Kraak - KF9XL, our testing VEC reports that our last test for the spring will be May 29th. Then we (the VEC) will be on summer vacation until September 25th.

John also reports that Jerry - WA9SFH is doing better. (Special note: Jerry was on the Friday night net June 4th. He is home now and still trying to regain all his strength. But, he sounds GREAT!).

Al - KB9NRS and Mark - KB9LDX showed the members the latest results of their efforts to establish a Club patch (logo). It has some ideas of several members and the final format was up for discussion. Dave put two possible patch drawings up for a vote and one was chosen. Next month's meeting, we will try to vote on the colors. Since a picture is hard to describe, those who were not at the meeting will have to wait and see the new logo in the Chatter when it (the logo) is complete.

The election for directors was held. The winners were Pancho - KA9OFA, Barbara - KB9TIV, and Al KB9NRS. Rick - WB9GYT and Mark - KB9LDX are stepping down.

Starting in the new year or after the new logo is finalized, all members will be receiving new Club name badges. The old badges used at the meeting over the last several years no longer need to be turned in after the meetings (they are yours to take home).

Rick - WB9GYT has volunteered to see if he can promote new membership in the Club.

Field Day is next month. The Club meeting is the Thursday before Field Day. Look in this month's 'Chatter and next month's for details on location and how to get there. For you old-timers at this, it's the same place as last year. Thanks to Fred Linn - W9NZF. Jerry - KC9EV is our (Field Day) Chairman this year.

Tom - KF9PU talked about the passing of Orv Stewart - KA9ONQ. He reminded us of all the PR that Orv did for the Club.

Warren - K9IZV also reported that Will - W9ZOL just lost his XYL.

Ed - KE9JJ mentioned that the QCWA has a scholarship fund and is always looking for donations on behalf of someone such as Orv or Ed Wille, etc.

The Raffle was conducted by Tom and Jacquie.

Don't forget the efforts every month by our food and drink crew.

Brian - KB9LCQ presented an abbreviated talk on GPS and Ham tracking packet systems. Next month will be a recap and conclusion to the talk.

The meeting adjourned at 9:50 P.M.

Respectfully submitted,

Jim WB9LNU

Jim - WB9LNU
Secretary

Storm Spotter Honored

Jerry Thompson reports that there was an article in the Wed. - 6/16 Journal about how the National weather Service honored Sherman Carr - W9NGT of Hartford on his 82 nd Birthday in Journal last week for his work as a Pioneer Storm Spotter and his work in the Sky Warn organization.

MRAC Field Day 1999 by Jim Tromblay - WB9LNU

Field Day by tradition over the last several years has also been the club picnic day. Saturday June 26th at noon is the picnic lunch.

The actual Field Day setup starts at 8:30 A.M. Saturday.

First all the antennas are erected and then the stations. We are usually done by 11:00.

There is plenty of shade and we have total use of the Rail Road Station. The picnic meal is supplied by the Club.

For those who are around at supper time, we usually go as a group to a local restaurant to eat. There has always been someone around who is willing to stay at the site while the others go for dinner.

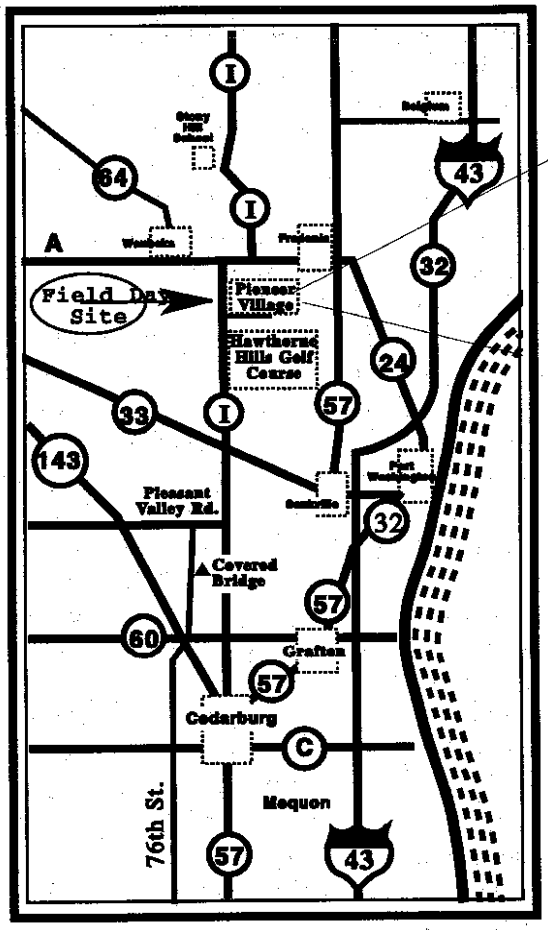
At noon Sunday we begin taking everything down and the last station goes off the air at 1:00.

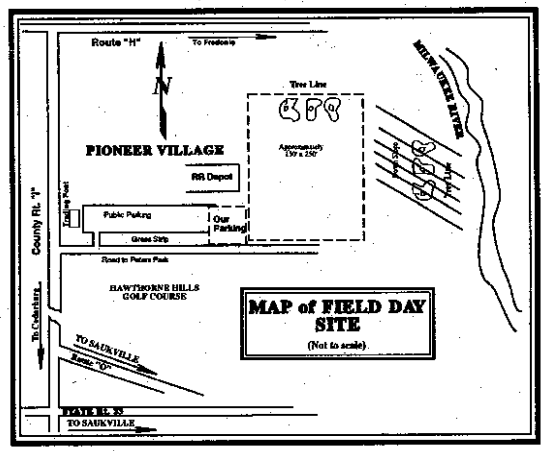
Just in case our no-code techs are not aware, on Field Day you have Extra Class privileges (at the site). This your chance to try those other bands. Even though foreign stations are not participating in field day, you can still talk to them. Do you own a vertical and wonder what beam is like, now is your chance to find out.

Thanks to Fred Linn - W9NZF we have the excellent site.

Jim - WB9LNU

Discover Field Day 1999





Welcome to our 1999 Field Day Site

Sat. and Sun. June 26 & 27

It's an over night affair, so if you're so inclined, spend some evening or early morning hours with us!

Maps to our Field Day site

Talk in frequency is:
147.045 MHz + W9RH repeater

Message from new Section Manager

From: Don Michalski <dem@sal.wisc.edu>
To: <wb9bwp@execpc.com>
Sent: Wednesday, June 09, 1999 3:28 PM
Subject: MRAC and ARRL

Dave, greetings! I'm going to be your new Section Manager on July 1.

Roy has decided to retire and I am taking the remainder of his term. I have read your May issue newsletter and was somewhat disturbed by the treatment given to you by our ARRL. Seems we need to do some damage control.

Since I'm new at this position, I have much to learn before I fully understand the system and get a clear picture of our issues and problems. Be assured that I am in your corner and will help your club where I can after I take office and get up to speed.

Please be sure to put me on your mailing list so I can be kept abreast and use information for my monthly column. On my issue, you can highlight sections that you feel of particular interest for our QST readership.

You may call on me anytime.

73,

Don - W9IXG

SM *(Section Manager)* (July 1)

Donald E. Michalski
Associate Director (semiretired) Space Astronomy Laboratory, University of Wisconsin - Madison
1150 University Ave., Madison, WI 53706 USA
(608)263-4685 (Ph);
(608)263-0361 (fax)
email: dem@sal.wisc.edu
Home: 4214 Mohawk Drive
Madison, WI 53711
(608)274-1886>>

Response to Section Manager's Email

From: "Don Michalski" <dem@sal.wisc.edu>
Date: Sun, Jun 13, 1999, 9:22 AM
To: "David B. DeFebo" <wb9bwp@execpc.com>
Cc: <pancho@thepark.net>
Subject: Re: MRAC and ARRL

I have had on my ever expanding list of things to do to send you a message welcoming you to your new position (Congratulations!) and to open a line of communication with our club. The fact that you responded first gives me some hope that we are not really in a black hole here. We have been making some contact to ARRL sort of through the back door, Bart Jahnke, W9JJ, who is an employee of the league was the featured speaker at our March meeting. We now send a copy of our newsletters to the ARRL addressed to him. I will make sure you are added to the mailing list. Over the next few months I will be editorializing on what we can do to get new club members and new hams. The editorials are a result of my contact with some other area club Presidents who have expressed a concern for our collective futures. I don't have any real answers, but I am hoping my writings may stir some people up, and who knows what the results could be. Most of what I write is done to rock the boat. Sometimes people just need a push (and we have got some new volunteers for the club sort of as a result).

I like your style. There is alot of good new, untapped, talent out there. We need to rattle the cage and get them to fall out and help The Cause. See a new face at the club meeting? How many take the opportunity to go up to the newbee after the meeting who was previously introduced as a guest?? Sometimes we are only given one chance to get the new person into the club fold. Many just show up once and if not given a warm feeling or welcome are never to be seen again. It really bothers me to see the same *old* folks at our club meetings. We've really got to get out there and recruit new blood, if we are to survive! And, you can quote me on this issue!

If you are ever traveling this way the last Thursday of any month (except December when we have our Christmas party - usually a weekend dinner) consider yourself invited to attend a meeting (and feel free to say a few words).

73,

Dave DeFebo WB9BWP
President - Milwaukee Radio Amateurs Club

"Okay. I have it logged in my Palm Pilot. I will take you up on that invitation! Let me get settled in, first.

73, Don W9IXG SM (July 1)"

VE HAM RADIO EXAMS

VE HAM RADIO EXAMS
You will not be permitted to take the exam without these items:
1) Your original license (if you have one) and one photocopy of it.
2) Any CSCE's you may have (and a photocopy of each).
3) Two forms of identification (examples: driver's license and social security card).
4) $6.45 (exam fee).

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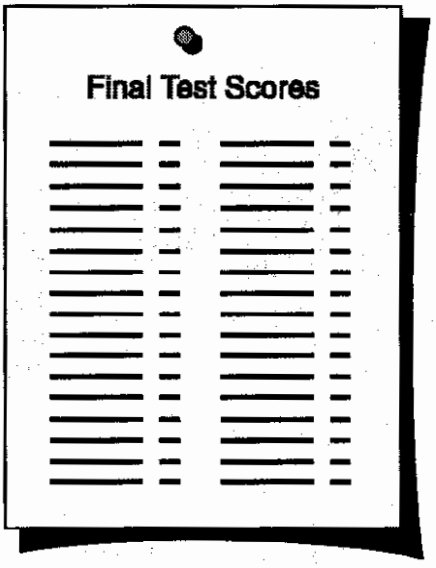
Walk-ins are welcome, but pre-registration is encouraged if possible. To register in advance, send a post card on which you have printed the grade of license for which you are applying, your name, address and telephone number to:

Milwaukee Radio Amateurs' Club
P.O. Box 25707
Milwaukee, WI 53225

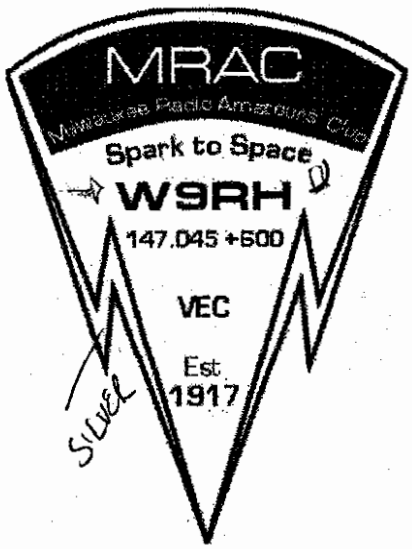
For more information about testing, call:
797-MRAC (new number)
(797-6722)

If you have questions about a new license or upgrade, you may call the FCC at: 1-888-225-5322.



Tah Dah ! !

Presenting our New Logo!



VE Testing

No more VE exams until September when our testing schedule will resume.

(Just a little vacation for our VE's this summer.)

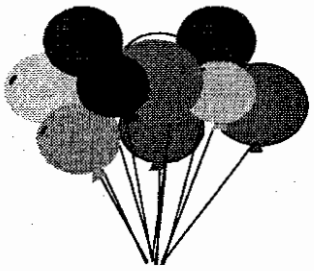
Items/Articles/Pictures forthe'Chatter

Articles and information for the newsletter should be received by the editor no later than the first of the month of publication. If received after the first of the month, its inclusion in that month's edition cannot be guaranteed. Your cooperation is appreciated.

Please mail submissions to:
HamateurChatter
Pancho Doneis - KA9OFA
1958 N. 38th St.
Milwaukee, WI 53208
Email: pancho@thepark.net

Our People

July Birthdays



		Birthdate
Kenneth J. Jacobchick	W9CCZ	Jul 05
Robert Tisdale	AA9VO	Jul 06
Mark W. Swartwout	NX1K	Jul 06
Fred Recklies	KB9JBG	Jul 14
Mike McKenna	KB9MMI	Jul 20
Bessie G. Beider	N9QIT	Jul 25

73 de KB9LCQ - Brian

¡¡ Happy Birthday !!

Credits

Thanks to our news contributors this month:

KB9BWP KB9LCQ WB9LNU
W9IXG WA9SFH

We also would like to thank Al Drobak, Alfred Huwald, and Myron Hendricks for taking care of the refreshments at our meetings.

Thanks to Rita Doneis, Armin Doneis,III, and Kristi Potochnik for their help in the proofreading dept.

Our thanks go to John Merkl and Barbara Brewer for making sure that the 'Chatter gets printed, stamped, and mailed.

Also our thanks goes to Don and Jaquie for handling the Raffle at the meetings.

Our Thanks to Matt Karshna for the new 'Chatter format.

Thank you very much!

Editor's Notes

Hi, again,

We have some interesting people in our Club. Norman Russell - KB9GQX has volunteered to do some interviews and to give us some biographies or backgrounds of some of our members. we'll look forward to this addition to our newsletter.

Join us in our Friday night (10 and 2 meter) nets. (No experience is needed -- only a Ham license.

Some of us are still meeting for breakfast at Maxim's at about 182nd and Capitol for breakfast on Saturday morning at about 8:00. We'd like to see you there.

Well, I guess that's about it for now.

Hope to see you at the meeting.

73,

Pancho - KA9OFA

A activities (ham)

CLUB MEETINGS

Milwaukee Radio Amateur's Club
Last Thursday of the month 7:30 p.m.
Redemption Lutheran Church
4057 N. Mayfair Rd.
Milwaukee, WI

Ozaukee Radio Club
Second Wed. of each month
7:30 p.m.
Grafton Multipurpose Senior Center
Grafton, WI

CLUB MEETINGS continued

Menomonee Falls Amateur Club
Last Wed of the month
Doors open @ 7:00 p.m. Mtg. @ 7:30 p.m.
Bank One Bldg.@
Pilgrim Rd. and Mequon Rd.
Germantown, WI

Miller Valley Radio Amateur Club
Tuesday evenings at 6:30 p.m.
at 703 N. 39th St.,
just north of (and almost under)
the Wis. Ave. viaduct.
For info contact: Art - WA9AWJ
(found daily on the 146.91 repeater).

South Milwaukee Amateur Radio Club
First Wednesday of each month
Americian Legion Post 434
9327 S. Sheppard Ave.
Oak Creek, WI
Auction at March & October mtgs.

West Allis Radio Amateur Club
Meets the second Tuesday of each month
at 8:00 p.m.
At St. Peter's Episcopal Church
7929 W. Lincoln Ave.
West Allis, WI

HAM CLUB ACTIVITIES

CQ Third Tuesday
11:00 a.m.
Old Country Buffet
164th and Bluemound

Y'all come(!) to the
MRAC HAM BREAKFAST
every Saturday morning at 8:00 a.m. at
Maxim's Restaurant
18025 W. Capitol Dr. (a bit west of Calhoun).
Prices are reasonable, the food good, and the company excellent.

First Friday Fish Fry
Serb Hall at 51st and Oklahoma Ave. Call: Warren - K9IZV on the 146.91 - offset for reservations by noon on that FRI.

W9RH-10 & 2 METER NETs
W9RH Ten Meter Net 8:45 PM at 28.490 MHz. SSB Friday evenings at 9:15 2 meter FM repeater at 147.045 + offset. We'd like to meet you there.

E events (upcoming)

* - Indicates VE testing

ARRL Field Day
Sat. & Sun. -
June 26th & 27th, 1999
Pioneer Village
Cedarburg, WI

S.M.A.R.C. SwapFest '99
Sat. - July 10, 1999
American Legion Post 434
Oak Creek, WI
T/I 146.52 simp.

Eau Amateur Radio Club
HamFest
Sat - Jul 10, 1999
Eau Claire, WI

HamFest '99
Sat - July 11, 1999
Will Cty Fairgrounds
Peotone,IL

Fox River Radio League
HamFest *
Sun - Jul. 18,1999
Sugar Grove, IL
T/I on 147.210 + (PL103.5)

Racine Amateur Radio and Computer Show
The swapfest is being replaced by an auction to be held on Friday, October 1, 1999

RadioFest XVII
August 4, 5, 6, & 7, 1999
Elgin Plaza Hotel
Elgin, IL

HamFester's HamFest
Sun.-Aug 8, 1999
Will Cty. Fairgrounds
Peotone IL
T/I on 146.52 simp.
146.64 (-107.2) rptr.
146.94 (-) rptr.

Circus City SwapFest
Sat - Aug 14, 1999
Sauk Coundy Fairgrounds
Baraboo, WI
T/I on 146.88 rptr. or 146.52 simp.

Woodstock '99
HamFest and Computer Extravaganza
SUN - Aug 29, 1999
Woodstock, IL
T/I on146.52 simp.

MRAC

meeting

This Month's meeting:

Thu. - June 24, 1999

7:30 PM

Program: Brian White WB9LCQ will talk about APRS.

Location:7-9

Redemption Lutheran Church

Fellowship Hall

4057 N. Mayfair Rd.

(Use the south entrance)

HANDICAPPED ACCESSIBLE

Please! Don't call the Church for information!!!

Board meeting: Mon. - June 21,1999

Next meeting;

July 29, 1999

HamateurChatter Deadline is July 1, '99

Field Day

June 26 & 28,1999

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New Club Phone number:

797-MRAC

(797-6722)

David B. DeFebo - WB9BWP
Dues/Chatter through - 1999
S67 W12620 Larkspur Road
Muskego, WI 53150

Milwaukee
Radio Amateurs' Club
P.O. Box 25707
Milwaukee, WI 53225

Phone 797-MRAC -- Use our Club Repeater - W9RH 147.045+ offset

One of the World's Oldest Continuously Active Radio Amateur Club since 1917

HAMATEUR CHATTER

FROM SPARK TO SPACE

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